

EDGE EX41

4" Suspended Indirect Linear

Key Features

- 6063-T6 Extruded aluminum housing
- Highly reflective = white painted reflector
- Room side maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 20 lbs. for a standard 4' fixture
- Buy American Act compliant
- Run lengths Available to an 1/8"



QUICKSHIP

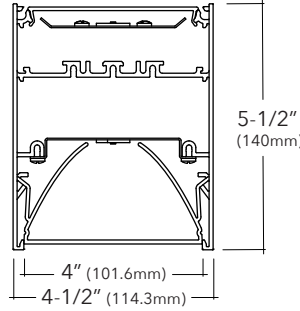


Example Part #: EX41-N-HE-830HO-26'-AC48G1-U-OL2-1-0-W

EX41 - **N** - **INDIRECT SHIELDING** - **CRI, CCT & SOURCE** - **LENGTH** - **MOUNTING** - **VOLTAGE** - **DRIVER** - **CIRCUITING** - **BATTERY & EMERGENCY** - **FINISH** - **FIXTURE OPTIONS**

N	---	---	---
DIRECT SHIELDING	INDIRECT SHIELDING	SOURCE ¹	LENGTH ²
N - None Shielding pg. 2	HE - High Efficiency QS BW - Batwing QS WHE - Asymmetric QS HEA - Ascent Shielding pg. 2	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K TW3 - Tunable White (Blanco 3) CL - Custom Lumens CW - Custom Watts Lumen Output pg. 2-3	--- - Individual Fixture QS --- - Continuous Row QS Length pg. 3
---	---	---	---
MOUNTING ³	VOLTAGE	DRIVER	CIRCUITING
AC_G - (M) AC to Grid QS AC_JB - (M) AC to J Box QS AC_ST - (M) AC to Structure QS AC5_G - 5" Non-Power Canopy AC5_JB - 5" Non-Power Canopy SQ_G - 5" Square Canopy SQ_JB - 5" Square Canopy WA - Wall Mount QS Mounting pg. 3	U - Universal (120 thru 277V) QS 1 - 120V QS 2 - 277V QS 3 - 347V Voltage pg. 4	OL2 - Osram (1%, 0-10v, standard) QS OL3 - Osram 347v (10%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) QS L51 - Lutron 5-Series (5%, EcoSystem) PL2 - Advance Xitanium (1%, 0-10v) QS PR1 - Advance Xitanium SR ND - Non-Dimming QS Driver pg. 4	1 - Single Circuit QS M - Multi Circuit E - Emergency (entire fixture) QS N - Night Light (entire fixture) QS Circuiting pg. 4
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BATTERY & EMERGENCY ⁴	FINISH	FIXTURE OPTIONS ⁵	CONTROLS ⁶
0 - None QS PL - Bodine 10W Integral QS IL - Iota 10W Integral QS E - Emergency Section N - Night Light Section L - Life Safety Section G - Bodine GTD Battery and Emergency pg. 4	W - White QS S - Metallic Silver QS BL - Textured Black QS BR - Bronze GR - Graphite CC - Custom Color Finish pg. 5	QS - Quick Ship QS Fixture Options pg. 5	DLMFC - Wattstopper DLM (wired) EASYS - Philips EasySense (wireless) SNLSM - Osram Sensillum (wireless) WVLX - Eaton Wavelinx (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL - Enlighted (wireless) Controls pg. 5

¹When specifying SOURCE the first _ is for specifying either 8 - 80CRI, 9 - 90CRI or B - Bios. The ending _ are for specifying output, example HO - High Output. When specifying BIOS use B and then specify color temperature, either 3500K or 4000K, and output, example B35HO - BIOS 3500K High Output. See output charts for more information. BIOS dynamic available, please contact factory for more information.
²Individual fixtures come in 2', 3', 4', 5', 6', 7' & 8' lengths. Continuous row come in 1/8" increments ³Specify AC Cable: Standard single AC = AC or Movable AC = MAC; Specify AC length standard AC is 48"; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot. Example: AC48G1. MAC option not available with HEA - Ascent Indirect shielding option. ⁴Enter quantity for Battery and Emergency, Example 2PL. ⁵QS must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. ⁶Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.



EDGE EX4DI

4" Suspended Direct/Indirect Linear

Key Features

- 6063-T6 Extruded aluminum housing
- Highly reflective white painted reflector
- Room-Side Maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 25 lbs. for a standard 4' fixture
- Buy American Act compliant



QUICKSHIP



Example Part #: EX4DI-BW-HE-830HO-830-26'-AC48G1-U-OL2-1-0-W

EX4DI - DIRECT SHIELDING - INDIRECT SHIELDING - DIRECT SOURCE - INDIRECT SOURCE - LENGTH OR PATTERN - MOUNTING - VOLTAGE - DRIVER - CIRCUITING - BATTERY & EMERGENCY - FINISH - FIXTURE OPTIONS - CONTROLS

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DIRECT SHIELDING	INDIRECT SHIELDING	DIRECT SOURCE	INDIRECT SOURCE	
A - Satine Lens <i>QS</i> AL - Drop Lens HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HED - Descent <i>Shielding pg. 2</i>	HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HEA - Ascent <i>Shielding pg. 2</i>	27 - 2700K 30 - 3000K 35 - 3500K (<i>available as BIOS</i>) 40 - 4000K (<i>available as BIOS</i>) TW3 - Tunable White (<i>Blanco 3</i>) CL - Custom Lumens CW - Custom Watts <i>Lumen Output pg. 2-3</i>	27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K B - BIOS TW3 - Tunable White (<i>Blanco 3</i>) CL - Custom Lumens CW - Custom Watts <i>Lumen Output pg. 3-4</i>	
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LENGTH OR PATTERN ²	MOUNTING ³	VOLTAGE	DRIVER	CIRCUITING
--- - Individual Fixture <i>QS</i> --- - Continuous Row <i>QS</i> L_x - L Shape <i>QS</i> R_x - Rectangle <i>QS</i> S - Square <i>QS</i> U_x - U-Shape <i>QS</i> T_x - T Shape X_x_x - X Shape M - Mod Layout <i>Length and Pattern pg. 4</i>	AC_G - (M)AC to Grid <i>QS</i> AC_JB - (M)AC to J Box <i>QS</i> AC_ST - (M)AC to Structure <i>QS</i> AC5_G - 5" Non-Power Canopy AC5_JB - 5" Non-Power Canopy SQ_G - 5" Square Canopy SQ_JB - 5" Square Canopy WA - Wall Mount <i>QS</i> <i>Mounting pg. 5</i>	U - Universal <i>QS</i> <i>(120 thru 277V)</i> 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 5</i>	OL2 - Osram (1%, 0-10v, standard) <i>QS</i> OL3 - Osram 347v (10%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) <i>QS</i> L51 - Lutron 5-Series (5%, EcoSystem) PL2 - Advance Xitanium (1%, 0-10v) <i>QS</i> PR1 - Advance Xitanium SR ND - Non-Dimming <i>QS</i> <i>Driver pg. 5</i>	1 - Single Circuit <i>QS</i> 2 - Dual Circuit M - Multi Circuit E - Emergency <i>QS</i> <i>(entire fixture)</i> N - Night Light <i>QS</i> <i>(entire fixture)</i> <i>Circuiting pg. 6</i>
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BATTERY & EMERGENCY ⁴	FINISH	FIXTURE OPTIONS ⁵	CONTROLS ⁶	
0 - None <i>QS</i> PL - Bodine 10W IL - Iota 10W <i>QS</i> G - Bodine GTD <i>Battery and Emergency pg. 6</i>	W - White <i>QS</i> S - Metallic Silver <i>QS</i> BL - Textured Black <i>QS</i> BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 6</i>	QS - Quick Ship <i>QS</i> LMRA - Adjustable MR16 (<i>LED</i>) XLED - Fixed Xicato LED <i>Fixture Options pg. 6-7</i>	DLMFC - Wattstopper DLM (<i>wired</i>) EASYS - Philips EasySense (<i>wireless</i>) SNSLM - Osram Sensillum (<i>wireless</i>) WVLX - Eaton Wavelinx (<i>wireless</i>) VDO - Lutron Vive Sensor (<i>wireless</i>) VRF - Lutron Vive Connected (<i>wireless</i>) ENL - Enlighted (<i>wireless</i>) <i>Controls pg. 7</i>	

¹When specifying SOURCE the first _ is for specifying either **8** - 80CRI, **9** - 90CRI or **B** - Bios. The ending _ are for specifying output, example **HO** - High Output. When specifying BIOS use **B** and then specify color temperature, either 3500K or 4000K, and output, example **B35HO** - BIOS 3500K High Output. See output charts for more information. BIOS dynamic available, please contact factory for more information. ²Individual fixtures come in 2', 3', 4', 5', 6', 7', & 8' lengths. Continuous row come in 1/8" increments. For Mod layouts, specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. ³Specify AC Cable: Standard single AC = AC or Movable AC = MAC; Specify AC length standard AC is 48'; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot. Example: AC48G1. MAC option not available with HEA - Ascent Indirect shielding option. ⁴Enter quantity for Battery and Emergency, Example 2PL. ⁵QS must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. ⁶Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 7 for driver options and more information.

Ashland - Pendant

Type P5

SPILIGHTING

PROJECT DETAILS

AIP8131 14 in

JOB NAME:

TYPE:

NOTES:

DESCRIPTION

Classic designs never go out of style. Bring schoolhouse charm along with a state-of-the-art LED package to your vintage, industrial, and reclaimed interiors with the Ashland family of luminaires. And with efficacy of 104 lumens per watt, it delivers the performance needed for today in a traditional form that stands the test of time. Also available in incandescent.

FEATURES & BENEFITS

- Timeless design, modern performance
- Nostalgic feel
- Authentic glass opal diffuser
- Complimentary ceiling and wall mounted luminaires help you to carry out a consistent lighting design throughout a space
- Handcrafted in USA

SPECIFICATIONS

- **LIGHT SOURCE:** White LED light engine or incandescent
- **LUMEN MAINTENANCE (LED):** L70 = >50,000 Hrs.
- **EFFICACY:** 104 lm/W delivered
- **CCT:** 3000K, 3500K, or 4000K
- **DRIVER:** Class II power supply integrated in canopy. Max distance to the driver is 15' (includes OAH). For extended distances, contact factory.
- **DIMMING:** 0-10V controls standard to 1% on LED light engines
- **INTEGRATED SURGE PROTECTION:** LED components are protected against minor surge events
- **DIFFUSER:** Opal glass
- **CONSTRUCTION:** Aluminum or brass
- **EMERGENCY:** Emergency battery remote optional
- **FINISH:** Choose from more than 30 thermoset polyester powder coat paint colors or various metal finishes. RAL®, Pantone®, or custom finishes available upon request.
- **MODIFICATIONS:** Consult factory for all modification requests
- **APPROVALS:** ETL listed to UL standards (US & Canada) for use in damp locations; not recommended for exterior applications



Project		Catalog #		Type	
Prepared by		Notes		Date	



Metalux

SNLED Lensed

Lensed LED Strip Round and Square Lens

Typical Applications

Storage / Utility • Coves • Display Cases • Task and General Area

Interactive Menu

- Order Information [page 2](#)
- Photometric Data [page 3](#)
- Product Warranty

Product Certification



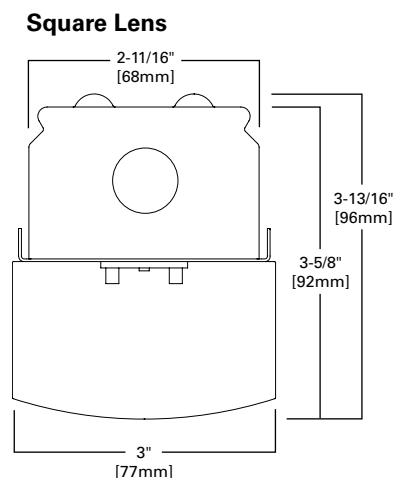
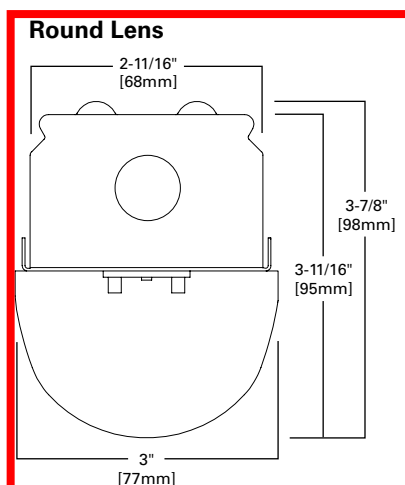
Product Features



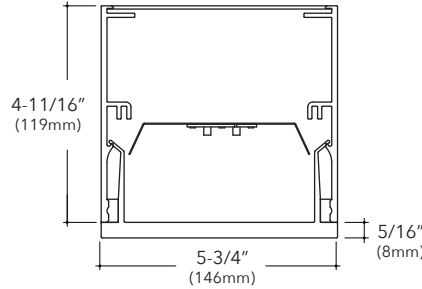
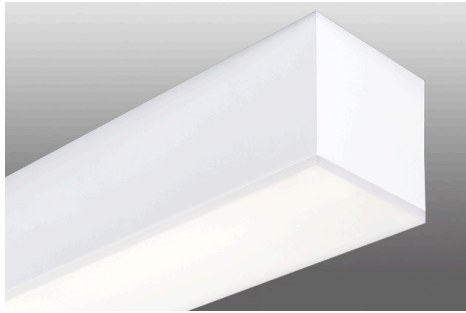
Top Product Features

- Standard (SL) and High lumen/High Efficacy (HL) packages
- High efficiencies - up to 153 LPW
- Three different lens types for optical control
- Two different reflectors for precise distribution control
- Available CCT: 3000K, 3500K, 4000K and 5000K
- Minimum CRI of 80; 90 CRI available

Dimensional Details



[additional product diagrams](#)



EDGE EX6WET

6" Suspended Direct Linear WET

Key Features

- Approved for wet location unless otherwise noted. IP65 and IK10 rated
- Fixture is built using corrosion resistant materials
- 6063-T5 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- All-inclusive module houses all LED system components in one compact unit
- Unit easily releases from the housing for room-side maintenance
- Wiring access available through bottom of housing
- 5-year limited warranty covers LED, driver and fixture
- UL and cUL listed
- Buy American Act compliant



Example Part #: EX6-WET-N-830HO-8'-IND-PP18JB-U-OL2-1-0-W

EX6 - **WET** - **N** - **CRI, CCT & OUTPUT** - **LENGTH** - **MOUNTING** - **VOLTAGE** - **DRIVER** - **CIRCUITING** - **BATTERY & EMERGENCY** - **FINISH** - **FIXTURE OPTIONS**

WET	N	-----	----	
DIRECT SHIELDING	INDIRECT SHIELDING	CRI, CCT & OUTPUT ¹	LENGTH ²	
WET - Satine Wet Lens <i>Shielding pg. 2</i>	N - None <i>Shielding pg. 2</i>	27 __ - 2700K 30 __ - 3000K 35 __ - 3500K 40 __ - 4000K 50 __ - 5000K CL _____ - Custom Lumens CW _____ - Custom Watts <i>Lumen Output pg. 2</i>	__ - Individual Fixture <i>Length pg. 2</i>	
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POSITION ³	MOUNTING ⁴	VOLTAGE	DRIVER	
IND - Individual Fixture BOR - Beginning of Row MOR - Middle of Row EOR - End of Row <i>Position pg. 3</i>	PP__JB - Pendant to J Box PP__ST - Pendant to Structure WA - Wall Mount S - Surface Mount <i>Mounting pg. 3</i>	U - Universal (120 thru 277V) 1 - 120V 2 - 277V 3 - 347V <i>Voltage pg. 3</i>	OL2 - Osram (1%, 0-10v, standard) OL3 - Osram 347v (10%, 0-10v) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) L51 - Lutron 5-Series (5%, EcoSystem) PL2 - Advance Xitanium (1%, 0-10v) PS1 - Advance Xitanium (50%/100%) ND - Non-Dimming <i>Driver pg. 3</i>	
-	---	--	----	
CIRCUITING	BATTERY & EMERGENCY ⁵	FINISH	FIXTURE OPTIONS	CONTROLS
1 - Single Circuit M - Multi Circuit E - Emergency (<i>entire fixture</i>) N - Night Light (<i>entire fixture</i>) <i>Circuiting pg. 4</i>	0 - None P - Bodine 10W I - Iota 10W Integral IC - Iota 10W Integral <i>CEC Listed</i> E - Emergency Section N - Night Light Section L - Life Safety Section G - Bodine GTD <i>Battery and Emergency pg. 4</i>	W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 4</i>	GLR - Internal Fast Blow Fuse EPF - End Power Feed <i>Fixture Options pg. 5</i>	<i>Pinnacle is able to accommodate different control solutions from different manufacturers. Consult Factory for more information.</i>

¹When specifying OUTPUT the first _ is for specifying either 8 - 80CRI or 9 - 90CRI. The ending _ are for specifying output, example HO - High Output. See output charts for more information. ²Individual fixtures come in nominal 2', 3', 4', 5', 6', 7', & 8' lengths, see pg. 2 for actual lengths. ³Specify position of fixture. Use IND for an individual fixture, use BOR, MOR, or EOR for building connected rows. ⁴Specify pendant length of either 12", 18" or 24". ⁵Enter quantity for Battery and Emergency, Example 2P.

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Application

LED pole-top luminaire with asymmetrical flat beam light distribution designed for the illumination of parking areas and roadways. Tool-less entry with hinged door for ease of maintenance. Provided with slip fitter to fit 3" O.D. poles.

Materials

Luminaire housing and pole fitter constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy
Clear safety glass with anti-reflective coating for increased transmission
Reflector made of pure anodized aluminum
Silicone applied robotically to casting, plasma treated for increased adhesion
High temperature silicone gasket
Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations
Protection class IP 66

Weight: 23 lbs.

EPA (Effective projection area): 0.86 sq. ft.

Electrical

Operating voltage	120-277VAC
Minimum start temperature	-30° C
LED module wattage	94.2W
System wattage	115W
Controllability	0-10V dimmable
Color rendering index	Ra > 80
Luminaire lumens	13,282 lumens (3000K)
LED service life (L70)	60,000 hours

LED color temperature

4000K - Product number + **K4**
3500K - Product number + **K35**
3000K - Product number + **K3**
2700K - Product number + **K27**
Amber - Product number + **AMB**

Wildlife friendly amber LED - Optional

Luminaire is optionally available with a narrow bandwidth, amber LED source (585-600nm) approved by the FWC. This light output is suggested for use within close proximity to sea turtle nesting and hatching habitats. Electrical and control information may vary from standard luminaire.

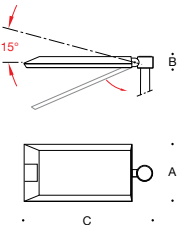
LED module wattage	105.6W (Amber)
System wattage	120.4W (Amber)
Luminaire lumens	3,735 lumens (Amber)

BEGA can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors	Black (BLK)	White (WHT)	RAL:
	Bronze (BRZ)	Silver (SLV)	CUS:



Pole-top luminaire - Asymmetrical flat beam

	LED	A	B	C
99 599	94.2 W	13 3⁄8	3	32 3⁄8

Recommended for use with 25" to 30" poles

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 info@bega-us.com

Due to the dynamic nature of lighting products and the associated technologies, luminaire data on this sheet is subject to change at the discretion of BEGA North America. For the most current technical data, please refer to bega-us.com
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Type:

BEGA Product:

Project:

Modified:



Available Accessories

IMS-L2	Internal motion sensor - 8' mounting height
IMS-L3	Internal motion sensor - 20' mounting height
IMS-L4	Internal motion sensor - 40' mounting height
- narrow	
IMS-L7	Internal motion sensor - 40' mounting height
- wide	
FSIR-100	Configuration tool

See individual accessory spec sheet for details.



Pole top luminaires with asymmetric flat beam

Housing/fitter: One piece heavy die-cast aluminum construction with swivel arm and internal full semi specular anodized aluminum reflectors. Swivel arm allows for 0° to 15° aiming positions. Integral fitter slip fits 3" O.D. pole top and is secured by eight (8) socket head stainless steel set screws threaded into stainless steel inserts. Die castings are marine grade, copper free ($\leq 0.3\%$ copper content) A360.0 aluminum alloy.

Enclosure: Door frames are die-cast, hinged and latched for toolless entry. Lens is $\frac{1}{8}$ " clear tempered glass, sealed with one piece silicone gasket.

Electrical: 23.6W LED luminaire, 26 system watts, -30°C start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming.

Standard LED color temperature is 4000K with a >80 CRI. Available in 3000K (>80 CRI); add suffix K3 to order.

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. These luminaires are available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

UL listed for US and Canadian Standards, suitable for wet locations, Protection class IP66.

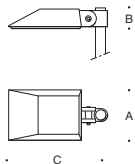
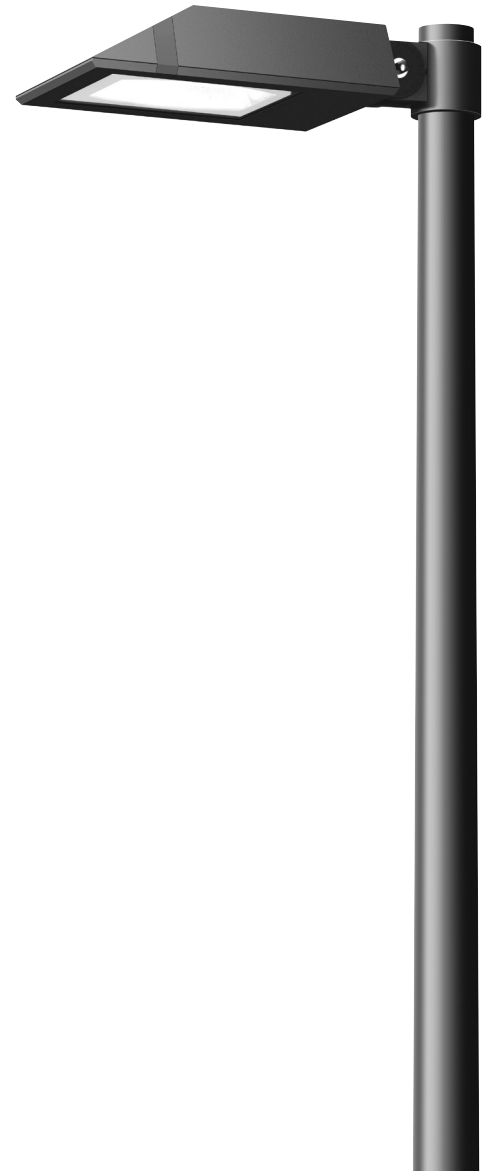
Weight: 18.5 lbs.

EPA (Effective projection area): 0.65 sq. ft.

Luminaire Lumens: 3195

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:

**E2
VAN
ASSET
ADDITION**



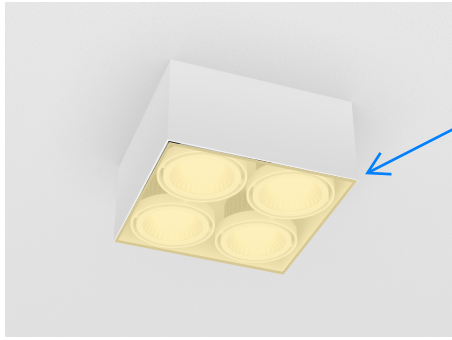
Single pole-top luminaires

	Lamp	LEED	A	B	C
77 939	23.6W LED	LZ-1	11½	4¼	23⅞

Recommended for use with 14' to 25' poles.

BEGA 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com

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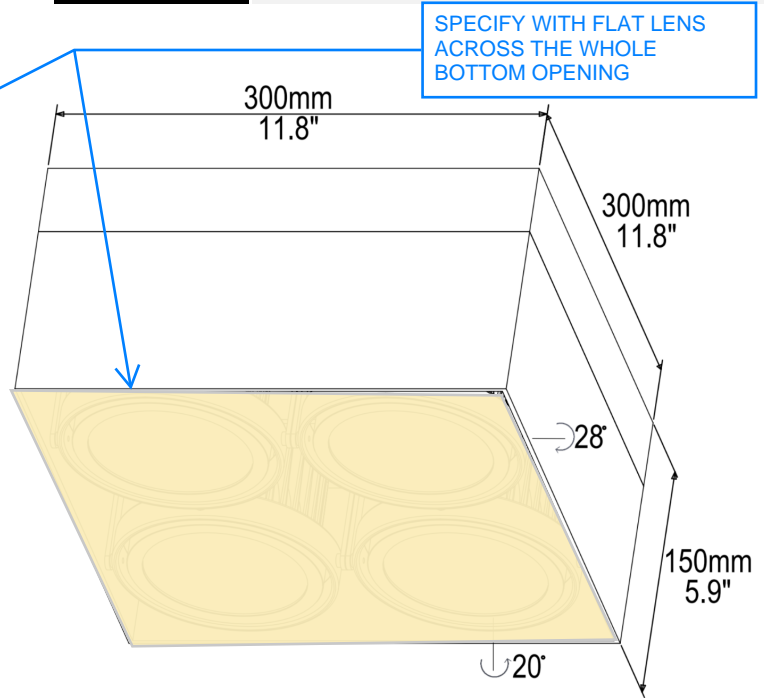


DIVA 5 SQ

4 Light Sources

5 inch | 2572 lm / per light source
Square | Adjustable 20° | Surface Mounted

Performance Options		52W (13W x 4 lights)	72W (18W x 4 lights)	104W (26W x 4 lights)
Source Lumens		1627 lm x4	2056 lm x4	2855 lm x4
Delivered Lumens		1157 lm x4	1929 lm x4	2572 lm x4
Lumens / Watt		89 lm	107 lm	99 lm
Current		1400 mA	2000 mA	2800 mA
CRI/CCT Multiplier	2700°K	3000°K	3500°K	4000°K
80 CRI	0.93	1.00	1.00	1.07
95 CRI	0.69	0.75	0.81	0.87



D4	DI5SQ	—	—	—	—	P	—	—	—	W
Source	Model	Wattage	Kelvin	CRI	Beam	Lens	Color	Driver	Installation	I.P. Rating
D4	DI5SQ:Diva 5 SQ	36:36W 52:52W 72:72W 104:104W	27:2700° 30:3000° 35:3500° 40:4000° WD:Warm Dim	A:80 B:95	2:24° 3:36° 6:60°	F:Frosted x4 P:Prismatic x4 C:Clear x4	WS:Matte White x4 BK:Matte Black x4 CC:Custom Color x4	0:No Driver N:Non-Dimmable x4 Q:Non-Dimmable x4+EM Backup E:ELV Dimmable x4 F:ELV Dimmable x4+EM Backup Z:0-10V Dimmable to 1% x4 A:0-10V Dimmable to 1% x4 +EM Backup B:Bluetooth x4 T:Lutron™ L:Lutron™ U:Lutron™ M:Lutron™ D:DALI x4 X:DMX x4	LI:Canopy for Integral Driver R0:Retro-Fit Enclosure RL:Retro-Fit for Lutron™	W:Wet IP 65

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